

App. No. 09/917,397
Preliminary Amendment

CLEAN AMENDED PARAGRAPHS/SECTIONS/CLAIMS

In the Claims:

Please add the following new claims: claims 30-64

30. (New) A method for generating source code objects comprising:

providing a unified model wherein the unified model is a function of a logical model;

providing a system definition comprising a template which defines at least one service; and

generating a source code object as a function of the unified model and the system definition.

31. (New) The method of Claim 30 wherein said unified model comprises at least one Unified Modeling Language (UML) element.

32. (New) The method of Claim 30 wherein said system definition comprises at least one script element.

33. (New) The method of Claim 30 wherein said generating of the source code object comprises generating at least one interface definition language element.

34. (New) The method of Claim 30 further comprising:

storing the unified model in a schema repository;

wherein said generating of said source code object comprises retrieving said unified model.

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35. (New) The method of Claim 30 further comprising:

retrieving data from a database by employing said source code object and said unified model to define a relationship between an object oriented database query and the data.

36. (New) A system for generating source code objects comprising:

a modeling tool;
a logical model;
a plurality of templates defining a plurality of services within a framework; and
a code generator generating a source code object as a function of one of the templates, and the logical model.

37. (New) The system of Claim 36 wherein the logical model is a relational model.

38. (New) The system of Claim 36 wherein one of said plurality of templates comprises at least one JavaScript element.

39. (New) The system of Claim 36 wherein said source code object comprises at least one interface definition language element.

40. (New) The system of Claim 36 further comprising:

a data server providing query services, wherein the data server receives the source code object and the logical model, and further receives an object oriented query.

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41. (New) The system of Claim 40 further comprising:

a database, wherein the data server retrieves data from the database as a function of said object oriented query.

42. (New) The system of Claim 41 further comprising:

a client application generating said object oriented query.

43. (New) The system of Claim 42 further comprising:

an object request broker for communicating said object oriented query from said client application to said data server.

44. (New) The system of Claim 36 wherein said framework comprises Java RMI.

45. (New) The system of Claim 36 wherein said framework comprises an Object Management Group (OMG) framework.

46. (New) The system of Claim 36 further comprising another template defining a custom service.

47. (New) A method for generating source code objects comprising:

providing a unified model wherein the unified model is a function of a logical model; and

generating a first source code object as a function of the unified model.

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48. (New) The method of claim 47 further comprising:

providing a system definition comprising a plurality of templates, each defining at least one service; and

generating a second source code element as a function of the system definition.

49. (New) The method of claim 48 further comprising generating a third source code element as a function of the system definition and the unified model.

50. (New) The method of claim 48 wherein the providing of the system definition comprises one of the templates having a script element.

51. (New) The method of claim 50 wherein the script element comprises JavaScript.

52. (New) The method of claim 47 wherein the generating of the first source code object comprises generating an interface definition language element.

53. (New) A method for generating source code objects comprising:

providing a plurality of logical models;

providing a system definition comprising a template which defines at least one service; and

generating a source code object as a function of at least one of the logical models and the system definition.

54. (New) The method of Claim 53 wherein one of the logical models is a relational model.

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55. (New) The method of Claim 53 wherein said system definition comprises at least one script element.

56. (New) The method of Claim 53 wherein said generating of the source code object comprises generating at least one interface definition language element.

57. (New) The method of Claim 53 further comprising:

providing a unified model; and
generating a source code object as a function of the unified model.

58. (New) The method of Claim 53 further comprising retrieving data from a database by employing said source code object and one of the logical models to define a relationship between an object oriented database query and the data.

59. (New) A method for generating source code objects comprising:

providing a logical model;
providing a system definition comprising a plurality of templates each defining at least one service; and

generating a source code object as a function of the logical model and the system definition.

60. (New) The method of Claim 59 wherein the logical model is a relational model.

61. (New) The method of Claim 59 wherein the system definition comprises at least one script element.

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62. (New) The method of Claim 59 wherein the generating of the source code object comprises generating at least one interface definition language element.

63. (New) The method of Claim 59 further comprising:

providing a unified model; and
generating a source code object as a function of the unified model.

64. (New) The method of Claim 59 further comprising retrieving data from a database by employing said source code object and the logical model to define a relationship between an object oriented database query and the data.
